

# **BIER WG**

# **The Brewery**

## **IETF 98**

Chicago, IL

Mon, Mar 27, 2017

# Notewell

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of [RFC 5378 and RFC 3979 \(updated by RFC 4879\)](#).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult [RFC 5378 and RFC 3979 for details](#).

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.

# Agenda

Welcome, Notewell, Agenda bash	chairs	5mins
draft-pfister-bier-mld-03	Stig	15 min
sdraft-hu-bier-oam-yang	Fangwei Hu	5 min
Echo Request and Echo Reply for Overlay		
OAM Header for Overlay Networks	Greg Mirsky	10 min
Early-codepoint-allocation	Tony P	10 min
Open discussion on WG next steps	Room	remaining time

<https://datatracker.ietf.org/wg/bier/charter/>

Due to the particular sensitivity of adding new significant functionality into the data-plane at high link speeds, the BIER work will progress as Experimental. The scope of the experiment will be documented in the output of the Working Group. As described in item (9) below, the work may become Standards Track once there is sufficient experience with the benefits and downsides of the technology.

<https://datatracker.ietf.org/wg/bier/charter/>

9) Deployment Evaluation: Once there is deployment experience, the WG will produce an Informational RFC describing the benefits, problems, and trade-offs for using BIER instead of traditional multicast forwarding mechanisms. Ideally, this should also contain an analysis of the impact and benefit of the new BIER data-plane to the overall Internet architecture. This document is intended to be used to evaluate whether to recharter BIER to produce Standards Track RFCs.

<https://datatracker.ietf.org/wg/bier/charter/>

9) Deployment Evaluation: Once there is **DEPLOYMENT EXPERIENCE**, the WG will produce an Informational RFC describing the benefits, problems, and trade-offs for using BIER instead of traditional multicast forwarding mechanisms. Ideally, this should also contain an analysis of the impact and benefit of the new BIER data-plane to the overall Internet architecture. This document is intended to be used to evaluate whether to recharter BIER to produce Standards Track RFCs.

<https://datatracker.ietf.org/wg/bier/charter/>

9) Deployment Evaluation: Once there is deployment experience, the WG will produce an Informational RFC describing the benefits, problems, and trade-offs for using BIER instead of traditional multicast forwarding mechanisms. Ideally, this should also contain an analysis of the **impact and benefit of the new BIER data-plane to the overall Internet architecture**. This document is intended to be used to evaluate whether to recharter BIER to produce Standards Track RFCs.

**Thank you!**